

**DIVISION OF ENVIRONMENTAL HEALTH
SOLID WASTE PROGRAM
555 CORDOVA STREET
ANCHORAGE, AK 99501
<http://www.state.ak.us/dec/home>**

**Telephone: (907) 269-7658
Fax: (907) 269-7655**

November 26, 1999

CERTIFIED MAIL - RETURN RECEIPT REQUESTED # P 323 027 942

Larry Hancock, P.E.
Public Works Director
City of Cordova
P.O. Box 1210
Cordova, Alaska 99574

Re: City of Cordova, Mile 17 Inert Monofill, Solid Waste Permit No. 9821-BA001

Dear Mr. Hancock:

The Department of Environmental Conservation (ADEC) has reviewed the Cordova's Inert Waste Monofill Permit application for the disposal of inert solid waste at the Cordova Mile 17 Monofill Facility.

In accordance with AS 46; 18 AAC 15; and 18 AAC 60, Solid Waste Disposal Permit No. **9821-BA001** (enclosed) is hereby granted subject to the attached conditions. This permit is effective upon issuance and expires November 30, 2004. Please note that the Department must receive a permit renewal application at least 30 days prior to that date for the continued operation of this facility.

Any person who disagrees with this decision, may appeal it by requesting an adjudicatory hearing following the procedures contained in 18 AAC 15.200-.310. The hearing request must be delivered to the Commissioner of the Alaska Department of Environmental Conservation, 410 Willoughby Avenue, Suite 105, Juneau, Alaska 99801-1795, within thirty (30) days from receipt of this letter. Also, please send a copy of the request to the undersigned at the above address and be advised that if an adjudicatory hearing is requested (and granted), all permit conditions remain in effect during the hearing process. If a hearing request is not requested within thirty (30) days, the right to appeal is waived and this decision becomes final.

Cordova Inert Monofill
Solid Waste Disposal Permit No. 9821-BA001

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Date of Issuance: November 26, 1999

If you have any questions, please contact Scott Lytle in our Anchorage Office at 269-7690 or by email at slytle@envircon.stat.ak.us.

Sincerely,

Heather T. Stockard
Solid Waste Program Manager

Enclosure: Solid Waste Permit 9821-BA001

cc: (w/Enclosures)
Laura Ogar, SWP

**ALASKA DEPARTMENT
OF
ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL HEALTH
555 CORDOVA STREET
ANCHORAGE, ALASKA 99501**

**CITY OF CORDOVA
INERT WASTE LANDFILL**

SOLID WASTE DISPOSAL PERMIT

Permit Number: **9922-BA004**

Date Issued: November 26, 1999

This Solid Waste Disposal Permit is issued to the City of Cordova, for the operation and maintenance of a Inert (C&D) Monofill located approximately 1-1/4 miles northeast of Mile Post 17 of the Copper River Highway, in Township 16 South, Range 1 West, Sections 13, Copper River Meridian. Operation of this facility is subject to the conditions and stipulations contained in the permit. Modifications may be requested by the permit holder, but must be authorized in writing by the Solid Waste Program Coordinator.

This permit is issued under the provisions of Alaska Statute 46.03 and the Alaska Administrative Code, as amended or revised, and other applicable state laws and regulations.

This permit is effective upon issuance and expires November 30, 2004. It may be terminated or modified in accordance with AS 46.03.120. The permit must be renewed at least 30 days before the expiration date, or the facility must be closed by the expiration date.

Heather T. Stockard
Solid Waste Program Manager

PERMIT CONDITIONS

I. APPLICATION COMPLIANCE

- A. The City of Cordova shall comply with the site design drawings and development plans submitted in the permit application, dated March 5, 1998 and subsequent submittals, unless otherwise modified in this facility permit. The following documents and drawings are a part of the application: memo dated March 5, 1998, Subject: C & D Permit Application with enclosures; letter dated March 15, 1999 with enclosures, Subject: Cordova Landfill Permit Application; 1993 Cordova Solid Waste Management Plan Update, April 1993; Cordova Mile 17 Proposed Landfill Predesign Report, March 1998; Cordova Mile 17 Landfill Background Water Quality Summary, December 1998; letter dated April 2, 1998, Re: Determination of Mile 17 Landfill Lining; letter dated March 2, 1998 with enclosures, Subject: Cordova C&D Permit Application; and the City of Cordova Landfill Monitoring Plan, February 1999. In the event of conflicting drawings or plans, the document dated last and closest to the date of permit issuance shall prevail.

II. SITE DEVELOPMENT

The permittee shall:

- A. Install and maintain a readily visible sing(s) at the facility entrance which identifies:

Facility Name

Operator/Owner Name

Phone Number(s) to call to report problems

Days and Hours of Operation

Waste Material Authorized for Disposal

Prohibited Items not authorized for disposal include: municipal solid waste, regulated hazardous waste, polychlorinated biphenyl (PCB) waste, used oil, and liquid waste

- B. Provide sings and/or directions (as needed) for users of the facility to the inert waste unit disposal area.
- C. Construct and maintain a gate and fence, if necessary to control public access and prevent unauthorized vehicular traffic and illegal dumping of waste.
- D. Construct and maintain litter control fencing (fi necessary) to prevent wind-blown debris from leaving the facility.

- E. Construct and/or maintain diversion structures and/or surface grading to ensure that surface water does not flow over, into, or through deposited waste; or does not accumulate in disposal cell.

III. **SITE OPERATION REQUIREMENTS**

The permittee shall:

A. Operations Plan

1. Conduct all operations and maintenance of the facility in accordance with the solid waste disposal permit, the Solid Waste Management regulations and the facility's Operations and Maintenance Plan.

B. Access Requirements

1. Ensure that public access to the facility is controlled in order to prevent safety hazards or environmental pollution incidents.
2. Ensure that on-site roads are maintained to allow for the safe and passable access to the designated disposal areas.

C. Waste Disposal and Burial

1. Ensure that only one inert waste disposal cell is active at any one time and that all waste material is properly deposited into that cell.
2. Consolidate and compact all loose refuse and cover with a minimum of one foot of compacted soil at least once a month. The frequency of cover may be increased if the Department determines it necessary to reduce nuisances, animal attraction, blowing litter or other problems associated with uncovered solid waste.
3. Maintain a minimum fifty (50) feet separation distance between the landfill property boundary and any disposal unit.
4. Ensure that all non-salvageable containers (barrels, tanks or drums) are empty of fluids prior to crushing and burial. All fluids removed from the drums at the facility shall be properly containerized and disposed of in accordance with applicable State and Federal laws.
5. Ensure that any vehicle or automobile to be disposed of at the facility is drained of all fluid products and the batteries removed.

6. Maintain permanent boundary location markers so that waste unit(s) locations can be determined.
7. Ensure that litter, dust, odor, noise, traffic, and other effects from the operation of the facility do not become a nuisance or hazard to the health, safety, or property of persons outside the landfill boundary.
8. Maintain a minimum ten (10) foot separation distance between the bottom of the disposal unit and the seasonal high groundwater level.

D. Burning

1. The burning of combustible material within a designated area (away from the working face of the disposal unit) is allowed only under the direction and control of the facility operator.
2. The burning of putrescible waste, animal carcasses, petroleum-contaminated products, plastics, rubber products, or any substances that may result in the emission of black smoke is prohibited at this facility.
3. Prohibit all open burning at the active unit's working face and extinguish any fires immediately upon discovery.

E. Surface Water management

1. Ensure solid waste is not placed in surface water and that any discharge of leachate or runoff does not violate water quality standards in 18 AAC 70.
2. Maintain a minimum horizontal separation distance of 100 feet from the boundaries of a disposal unit to any surface water body or private drinking water well, and 200 feet to any public drinking water well.

F. Disease Vector, Wildlife, and Domestic Animal Control

1. Manage and operate the site in a manner that minimizes the attraction of wildlife, domestic animals, and/or disease vectors.

G. Litter

1. Collect and return any litter wastes the disposal unit for burial. Litter collection shall be performed on a frequency necessary to contain (and return) the litter to the active disposal

IV. RECORDKEEPING REQUIREMENTS

- A. The permittee shall maintain an “operating record” for the facility. The record must be retained at a location that is readily accessible by employees working at the facility and be available for Department review. Upon request, the permittee shall furnish the operating record to the Department, or make it available at reasonable times for Department inspection. The record must consist of:
1. The permit application and permit.
 2. Inspection records, training procedures, and notification procedures, if required by 18 AAC 60.240.
 3. Records of the visual monitoring program required under 18 AAC 60.800.
 4. The facility’s Operation and Maintenance Plan required by 18 AAC 60.210(b)(9).
 5. As-built drawings of the landfill.

V. PROHIBITIONS AND SPECIAL RESTRICTIONS

- A. The permittee shall prohibit the disposal of municipal solid waste, liquid waste, septage or sewage sludge, liquid petroleum products, waste oil, oily wastes, contaminated soil, regulated asbestos containing material, medical waste, chemical waste, pesticides, radioactive material, solvents, acids, corrosives, lead-acid batteries, polychlorinated biphenyl (PCB) contaminated waste, explosives, and any other hazardous waste defined and regulated under 40 CFR 261 at the landfill facility. If a hazardous substance or hazardous waste is found to have been deposited in the waste unit, the permittee shall report the incident to the Department’s Anchorage Solid Waste Program Office at (907) 269-7590.

VI. MONITORING AND CORRECTIVE ACTION

- A. The permittee shall ensure that a person who is familiar with permit requirements, the applicable requirements of 18 AAC 60, and with the visual monitoring plan, conducts a visual inspection of the facility once each month, or on a frequency agreed to by the Department and permittee. These inspections must produce a visual monitoring report that documents:
1. any violation of a permit condition or the Solid Waste Management regulations (18 AAC

2. signs of damage or potential damage to any component of the facility from settlement, ponding, leakage, thermal instability, frost action, erosion, or facility operations; and
 3. evidence of death or stress to fish, wildlife, or vegetation that might be caused by the facility.
- B. If a structural change or damage to the facility occurs; or a violation of a permit condition is observed during visual monitoring, or during a Department inspection; the permittee shall take action to correct the change, damage, or violation to prevent the escape of waste or leachate, and to clean up any waste that may have been disposed of in an unauthorized manner.
- C. Water quality monitoring shall be conducted in accordance with the ground water monitoring program approved by the Department and incorporated into the Operations Plan for this facility.
- D. Corrective Action Monitoring
1. If the Department has evidence that water quality standards of 18 AAC 70 have been violated; or, if conditions at the facility are likely to result in harm to the public's health or the environment, the owner or operator shall sample and analyze any surface waters and/or groundwater that may indicate contamination has occurred. Indications of contamination may include, but not be limited to, the visual presence of prohibited wastes, hazardous waste, potentially hazardous waste, surface staining, or a visually perceived degradation of water quality such as discoloration, sheen, or odor.
 2. For purposes of this permit, contamination of surface and/or subsurface waters shall be defined as any of the following:
 - (a) groundwater and/or surface water contaminant levels exceeding levels specified in 18 AAC 70 (Water Quality Standards) except those parameters documented as having natural background levels already exceeding these limits, or
 - (b) sudden, abrupt, or significant increases in any one or more pollutants which are attributed to site operations.

VII. CLOSURE STANDARDS

- A. Closure of the landfill must conform to the plan submitted with the application packet for this facility. Any proposed changes/modification to this plan must be submitted at least 60 days

before the site is permanently closed.

- B. Ensure that construction of the final cover system is begun within ninety (90) days after the last waste is deposited in the facility (or the waste unit) and consists of a minimum of two feet of cover material.
- C. Ensure that cover material (and any drainage control structures) are graded and maintained to promote drainage away from the facility without erosion.
- D. Develop a vegetative cover within the first growing season to all areas of the closed disposal unit or to the closed portions of the landfill facility.
- E. Upon completion of final closure, establish (or locate) permanent markers or survey monuments at each corner of the landfill facility boundary.
- F. Prepare a survey as-built or record drawing that shows the location of the solid waste disposal facility; those portions of the facility used for waste deposition during the life of the facility; the type and quantity of waste deposited there; and the details of closure construction.
- G. File the survey as-built or record drawings of the area used as a landfill with an appropriate land records office within sixty (60) days after the final closure of the site and submit proof of such recording to the Department's Solid Waste Program's Anchorage Office.

H. **GENERAL PERMIT CONDITIONS**

I. ACCESS AND INSPECTION

The permit holder shall allow the Commissioner or her representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, State laws, and regulations.

II. INFORMATION ACCESS

Except for information relating to confidential processes or methods of manufacture, all records and reports submitted in accordance with the terms of this permit shall be available for public inspection at the State of Alaska Department of Environmental Conservation, Anchorage Office, 555 Cordova Street, Anchorage Alaska 99501. The permit holder shall mark all confidential material with the word "Confidential" and furnish an explanation as to why the information is confidential.

III. CIVIL AND CRIMINAL LIABILITY

Nothing in this permit shall relieve the permit holder from civil or criminal penalties for

noncompliance, whether or not such noncompliance is due to factors beyond its control, including, but not limited to, accidents, equipment breakdowns, or labor disputes. The permit holder is responsible for compliance with every part of this permit, regardless of who it may contract with to perform the various functions of this permit.

IV. AVAILABILITY

The permit holder shall post or maintain a copy of this permit and make it available to the public at the disposal facility.

V. ADVERSE IMPACT

The permit holder shall take all necessary means to minimize any adverse impacts to the receiving waters or lands resulting from noncompliance with any limitation specified in this permit, including any additional monitoring needed to determine the nature and impact of the noncomplying activity. The permit holder shall cleanup and restore all areas adversely impacted by the noncompliance.

VI. CULTURAL OR PALEONTOLOGICAL RESOURCES

Should cultural or paleontological resources be discovered as a result of this activity, work which would disturb such resources is to be stopped, and the State Historic Preservation Office, Division of Parks and Outdoor Recreation, Department of Natural Resources, is to be notified immediately (907-269-8721).

VII. APPLICATIONS FOR RENEWAL

In accordance with 18 AAC 15.100(d), applications for renewal or amendment of this permit must be made no later than 30 days before the expiration date of the permit or the planned effective date of any requested amendment.

VIII. OTHER LEGAL OBLIGATIONS

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any permit that the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency has issued or may issue to the permit holder. This permit does not relieve the permit holder from the duty to obtain

any and all necessary permits and to comply with the requirements contained in any such permit or with applicable state and federal laws and regulations. All activities conducted by the permit holder pursuant to the terms of this permit and all plans implemented by the permit holder pursuant to the terms of this permit shall comply with all applicable state and federal laws and regulations. The permit holder is responsible for

compliance with every part of this permit, regardless of who it may contract with to perform the various functions of this permit.

IX. POLLUTION PREVENTION

In order to prevent and minimize present and future pollution, when making management decisions that affect waste generation, the permit holder shall consider the following order of priority options: waste source reduction; reuse of waste; recycling of waste; waste treatment; and waste disposal.